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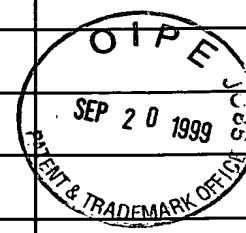
FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
024754/0114SERIAL NO.
09/252,828APPLICANT
Ke Wen DONG et al.FILING DATE
February 19, 1999GROUP
1643LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: September 20, 1999

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE



FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
LVC	A1	92/03548	03/92	WIPO	C12N	15/12	

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

LVC	A2		KINLOCH et al.; "Mapping the Mouse ZP3 Combining Site For Sperm By Exon Swapping and Site-directed Mutagenesis"; Proceedings of the National Academy of Sciences of USA; Vol. 92; January 1995; pp. 263-267; XP-002108572.
LVC	A3		CHAMBERLIN et al.; "Human Homolog of the Mouse Sperm Receptor"; Proceedings of the National Academy of Sciences of USA; Vol. 87; August 1990; pp. 6014-6018; XP-00210857.
LVC	A4		VAN DUIN et al.; "Cloning and Characterization of the Human Sperm Receptor Ligand ZP3: Evidence of A Second Polamorphic Allele With Different Frequency in the Causasian and the Japanese Populations"; Genomics; Vol. 14, No. 4; December 1992; pp. 1064-1070; XP-002108574.
LVC	A5		BAGAVANT et al.; "Immunogenicity and Contraceptive Potential of A Zona Pellucida 3 Peptide Vaccine"; Biology of Reproduction; Vol. 56, No. 3; March 1997; pp. 764-770; XP-002108575.

EXAMINER

Olisa. R. Cook

DATE CONSIDERED

5/4/2000

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT(S)
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Date Submitted to PTO: October 21, 1999

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OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

LYC	A1		CHAPMAN et al.; "2. Sperm-zona Interaction and Recombinant DNA Technology"; Molecular Human Reproduction; Vol. 3, No. 8; 1997; pp. 646-650.
LYC	A2		CHEN et al.; "Inactivation of the Mouse Sperm Receptor, mZP3, by Site-directed Mutagenesis of Individual Serine Residues Located at the Combining site for Sperm"; Proc. Natl. Acad. Sci. USA; Vol. 95; May 1998; pp. 6193-6197.
LYC	A3		HANSEN et al.; "O-GLYCBASE Version 2.0: a Revised database of O-glycosylated Proteins"; Nucleic Acids Research; Vol. 25, No. 1; 1997; pp. 178-282.
LYC	A4		HANSEN et al.; "NetOglyc: Prediction of Mucin Type O-glycosylation Sites Based on Sequence Context and Surface Accessibility"; Glycoconjugate Journal; 1998; pp. 115-130.
LYC	A5		VAN DUIN et al.; "recombinant Human Zona Pellucida Protein ZP3 Produced by Chinese Hamster Ovary Cells Induces the Human Sperm Acrosome Reaction and Promotes Sperm-Egg Fusion"; Biology of Reproduction; Vol. 51; 1994; pp. 607-617.
LYC	A6		CLARK et al.; "Role for Glycoconjugates in Cellular Communication in the Human Reproductive System"; Molecular Human Reproduction; Vol. 2, No. 7; 1996; pp. 513-517.
LYC	A7		PATANKAR et al.; "Expression of Glycans Linked to Natural Killer Cell Inhibition of the Human Zona Pellucida"; Molecular Human Reproduction; Vol. 3, No. 6; 1997; pp. 501-505.
LYC	A8		OZGUR et al.; "Direct Evidence for the Involvement of Carbohydrate Sequences in Human Sperm-zona Pellucida Binding"; Molecular Human Reproduction; Vol. 4, No. 4; 1998; pp. 318-324.
LYC	A9		CHAMBERLIN et al.; "Human Homolog of the Mouse Sperm Receptor"; Proc. Natl. Acad. Sci. USA; Vol. 87, August 1990; pp. 6014-6018.

EXAMINER *Olisa R. Cook*

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